

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE J		PAGE OF PAGES 1 0	
2. AMENDMENT/MODIFICATION NO. 0002		3. EFFECTIVE DATE 12-Feb-2003		4. REQUISITION/PURCHASE REQ. NO. W16ROE-2305-8726		5. PROJECT NO.(If applicable)	
6. ISSUED BY USA ENGINEER DISTRICT, NEW YORK ATTN: CENAN-CT ROOM 1843 26 FEDERAL PLAZA (DACA51) NEW YORK NY 10278-0090		CODE DACA51		7. ADMINISTERED BY (If other than item 6) See Item 6		CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code)				<input checked="" type="checkbox"/> 9A. AMENDMENT OF SOLICITATION NO. DACA51-03-B-0003			
				<input checked="" type="checkbox"/> 9B. DATED (SEE ITEM 11) 10-Jan-2003			
				10A. MOD. OF CONTRACT/ORDER NO.			
				10B. DATED (SEE ITEM 13)			
CODE		FACILITY CODE					
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input type="checkbox"/> is extended, <input checked="" type="checkbox"/> is not extended. Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. ACCOUNTING AND APPROPRIATION DATA (If required)							
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.							
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.							
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).							
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:							
D. OTHER (Specify type of modification and authority)							
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) The purpose of this amendment is to make the following changes/clarifications to the solicitation Drawings and Specifications for FY03 C17 Add/Alter Nose Dock (Bldg 3211), McGuire AFB. Bid Opening Date remains 19 Feb 2003 1:30 P.M. Bidders must acknowledge receipt of this amendment by the date specified in the solicitation (or as amendment) by one of the following methods: By signing Block 15 below, by separate letter, or by telegram. FAILURE TO ACKNOWLEDGE AMENDMENTS BY THE DATE AND TIME SPECIFIED MAY RESULT IN REJECTION OF YOUR BID IN ACCORDANCE WITH THE LATE BID, LATE MODIFICATION OF BIDS, OR LATE WITHDRAWAL The questions and answers submitted are provided "For Information Only", See attached. Replace the old wage rates with the new wage rates, General Decision Number NJ020002 01/31/2003 NJ2. All other terms and conditions remain the same. Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)			
				TEL: _____ EMAIL: _____			
15B. CONTRACTOR/OFFEROR _____ (Signature of person authorized to sign)		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA BY _____ (Signature of Contracting Officer)		16C. DATE SIGNED 12-Feb-2003	

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

(End of Summary of Changes)

**AMENDMENT 0002 TO DRAWINGS AND SPECIFICATIONS FOR FY 03 C-17
ADD/ALTER NOSE DOCK (Bldg 3211), McGuire AFB, New Jersey – DACA51-
03-B-0003**

TO OFFERORS

The following changes shall be made to the drawings and specifications.

Drawings

- 1.) The following DRAWINGS have been **REVISED but not REISSUED**:
 - a.) Sheet AE201: **REPLACE** dimension "15119" with "15089" in elevation 2/AE201.
 - b.) Sheet AE301: **REPLACE** dimension "15138" with "15089" in Section 1/AE301.
 - c.) Sheet AE302: **ADDED** the following to the Keyed Note list:
 - "1021 EXISTING LADDER TO REMAIN.
 - 1024 EXISTING BRIDGE CRANE TO BE
REINSTALLED AFTER MODIFICATIONS.
 - 2016 NEW CRANE RAIL (OPTION #2).
 - 2122 SCHEDULED DOOR.
 - 2150 STEEL LADDER.
 - 2157 NEW MEZZANINE STEEL HANDRAIL, PAINTED.
PROVIDE SAFETY CHAIN AT LADDER OPENING."
 - d.) Sheet AE402: **REPLACE** dimension "15119" with "15089" in Section 2/AE402.
 - e.) Sheet AF604: **REVISE** ROOM FINISH SCHEDULE for Room 101 **CHANGE** "SMS" to "SMR".
 - f.) Sheets FP101 and FP102: **ADD** note: "4. BOUNDARY BETWEEN WET PIPE ZONES 1 AND 2 IS AT DRAFT CURTAIN AT GRID LINE E IN THE HANGAR.
 - g.) Sheet S-001: Under "Abbreviations/Notations" **ADD** the following:
 - Ip MOMENT OF INERTIA FOR POSITIVE BENDING MOMENT
 - In MOMENT OF INERTIA FOR NEGATIVE BENDING MOMENT
 - Sp SECTION MODULUS FOR POSITIVE BENDING MOMENT
 - Sn SECTION MODULUS FOR NEGATIVE BENDING MOMENT

- h.) Sheet SB103: **REPLACE** dimension "305" with "254" and dimension "5486" with "5537" in Section 1/SB103.
- i.) Sheet SB104: **REPLACE** dimension "305" with "254" and dimension "5486" with "5537" in Section 1/SB104.
- j.) Sheet SB501: **REPLACE** dimension "305" with "254" and dimension "5486" with "5537" in Sections 1/SB101 and 2/SB101.
- k.) Sheet SD101: The existing slab on grade is shown to be removed to the west of Grid B. Between Grids 3 and 20 **MOVE** the demolition line 254mm westward as shown in Section 1/SB501. **ADD** the following note above the title of Plan 1/SD101: "The existing slab on grade between Grids 2 and 20 shall not be demolished until the existing roof decking has been removed." **ADD** note on Plan 1/SD101, at Grids 1 and 22, "The existing grade beams are to be removed westward from a point that is 2056mm east of Grid D." Sketches SK-01 and SK-02 which, are provided as part of this amendment, are intended to provide the contractor with the best available information regarding the construction of the existing building at and below the finish floor at Column B.
- l.) Sheet SB501: **REPLACE** at all locations "MegaDoor" with "Hangar Door." **ADD** Note to Section 2/SB501, "Section through mullion pit shown on 2/SB501 is schematic only. Contractor shall coordinate with vertical lift hangar door supplier for the actual section detail. Placement of mullion slot embedment shall be made after swing up mullion has been attached to structure above."
- m.) Sheet SB502: **REPLACE** at all locations "MegaDoor" with "Hangar Door." On Detail 2/SB101, the end of the existing grade beam is 2056mm leftward from Grid D. The new grade beam abuts the existing grade beam at that point. **ADD** note "Drill and epoxy eight 813mm long rebar dowels 203mm into the end of the existing grade beam. The diameter of the dowels shall match the rebar of the new grade beam with which they lap."
- n.) Sheet SF102: **ADD** note: Three lift hoists shall be provided near the mechanical platform access ladders adjacent to Grid 20/A1, Grid 22/E and Grid 8/L. Each hoist shall be hung from roof structure such as "J-1" and "Existing J-6 to be reinforced", and have 457 mm clear distance from the handrail of mechanical platform. Steel fabricator shall provide additional framing members to support each hoist hung from joist and coordinate with hoist supplier to get the additional connection member information.
- o.) Sheet SF104: **ADD** note to framing plan 1/SF104, "Steel fabricator shall provide 22mm thick plates for each hoist motor platform and each sheave unit platform near mullions and a W250 x 49 beam right below the middle door hoist motor. Location and size of plates and beam shall be coordinated with vertical lift hangar door supplier. **ADD** note to framing plan 2/SF104, "Steel fabricator shall provide 22mm thick plates for each hoist motor platform and each sheave unit platform

near mullions. Location and size of plates shall be coordinated with vertical lift hangar door supplier.

- p.) Sheet SF106, Details 1 and 2: **REVISE** note for decking as follows:

REPLACE MW9 x MW9 with MW9.1 x MW9.1.

REPLACE $I_p = 177 \times 10^3 / M^4$ with $I_p = 250 \times 10^3 \text{ mm}^4 / m$

REPLACE $I_n = 215 \times 10^3 / M^4$ with $I_n = 211 \times 10^3 \text{ mm}^4 / m$

REPLACE $S_p = 8.59 \times 10^3 / M^3$ with $S_p = 10.3 \times 10^3 \text{ mm}^3 / m$

REPLACE $S_n = 8.97 \times 10^3 / M^3$ with $S_n = 10.0 \times 10^3 \text{ mm}^3 / m$

- q.) Sheet EP101: **REPLACE** at all locations "MegaDoor" with "Hangar Door." Near Grid B1-20 **RELOCATE** hangar door main control panel to the south face of Column A1-20 and **DELETE** the words "by others." **RELOCATE** hangar door disconnect strobe and alarm to Column A1-20.
- r.) Sheet EB102: **REPLACE** at all locations "MegaDoor" with "Hangar Door."
- s.) Sheet E-601: **REPLACE** at all locations "MegaDoor" with "Hangar Door." **DELETE** the words "by others" from the hangar door main control note.
- t.) Sheet EY101: **RELOCATE** the manual foam release station by exit doors near grid line H18, J17, K16 and N13 to the latching side of the same door. Maintain minimum 5 feet travel distance. **ADD** a manual foam release station on Column 20/A1.
- u.) Sheet EY102: **RELOCATE** the manual foam release station by exit door near grid line J6 to the latching side of the same door. Maintain minimum 5 feet travel distance. **ADD** a manual foam release station on Column 3/A1.

- 2.) The following DRAWINGS have been **REISSUED**:

- a.) NONE

SPECIFICATIONS

- 1.) The following SPECIFICATION SECTIONS have been **ADDED** in their entirety and are provided in their entirety herein:
- a.) Section 09100N, Metal Support Assemblies
- b.) Section 09250, Gypsum Board
- c.) Section 09510, Acoustical Ceilings

- 2.) The following SPECIFICATIONS SECTIONS have been **DELETED** in their entirety:
- a.) NONE
- 3.) The following SPECIFICATIONS have been **REVISED** as indicated below.

Section 00800, Special Contract Requirements,

For the purpose of this contract, Paragraph A.4.2 of "Installation Entry Control Procedures for All Contractors" (Amendment 1), shall be interpreted as follows:

"A4.2. The Contractor will provide information on personnel requesting access to McGuire AFB to a local/State police department for a **basic** National Criminal Information Center (NCIC) Wants and Warrants check. This check **shall be** done at **no additional cost to the Government**. Any police department will suffice as all police departments use a national database. The criminal background check must be completed no later than seven working days **prior to the commencement of work or employment at the McGuire site**. The 305th Security Forces Squadron will not be used to conduct this criminal background check (See Sample Letter)."

Paragraph 4. **DELETE** Paragraph 4 of Section 00800 as it appears in its entirety and **REPLACE** it with the following:

"4. PARTNERSHIP IMPLEMENTATION PLAN

To more effectively accomplish this contract, the Government proposes to form a partnership with the Contractor. This partnership would draw on the strengths of each organization in an effort to achieve a quality product within budget and on schedule. This partnership would be bilateral in make-up and participation by the Contractor is required. A facilitator subject to approval by the Contracting Officer shall be hired by the Contractor, who would be responsible to arrange for an offsite location for the initial conference, provide all workshop materials, and compile and distribute a completed partnering agreement to all participants within 30 days after the initial partnering session. Both parties will sign and abide by the partnering agreement. The initial conference site location will be coordinated with the Contracting Officer for approval. Contractor should plan for the attendance of approximately 15-20 individuals from the Government in addition to the Contractor's and Sub-contractor's personnel. The cost of the facilitator, offsite conference facility, and the partnering agreement will be borne by the Contractor. Subsequent partnership conferences will be when required, and will be facilitated by the Government representative and held at Government facilities. For subsequent conferences the Government will prepare the agenda, and the Contractor will prepare and distribute minutes within 48 hours of the conclusion of the conference."

Section 05120A, Structural Steel

REPLACE in the third sentence the words "FCD for Category II structural steel work" with "Quality Certification Program for Structural Steel Fabricators and is designated as AISC certified fabricator, Category Complex Building."

Section 08110, Steel Doors and Frames

Paragraph 2.1: **REPLACE** last sentence with "Doors shall be 44.5 mm thick, 16 gage (1.6 mm) for exterior and 18 gage (1.3 mm) for interior, unless otherwise indicated."

Section 13966, Wet Pipe Water Sprinkler with High Expansion Foam (*HEF), Fire Protection System

Paragraph 3.15.8.a: **DELETE** the word "closed" from the last sentence.

Paragraph 3.15.8.b: **ADD** "Flow measurements shall be made using UL listed long playpipes."

BIDDER'S QUESTIONS AND GOVERNMENT REPLY

(Questions that may be of general interest of all bidders/Government and that are not readily answered by the proceeding changes will appear below. These questions may have been paraphrased or altered to represent several questions regarding the same subject and/or clarify and simplify the question(s). Questions and answers are issued to the Offerors/Bidders for information only.)

Question (Q): Sheet CU-101, Is there a reason you are showing the existing FIRE WATER LINE?

Response (R): Information required to perform requirements of specification Section 13966, Paragraph 1.2.c and 1.2.d.

Q: The following specs do not exist: drywall, acoustical ceiling tile.

R: See Specification Sections added above.

Q: Please provide manufacturer for the Overhead Fabric Door.

R: Below are two firms that offer this service; however, this response is not intended to restrict the bidders to use of the below listed firms;

**Megadoor
P. O. Box 2957
Peachtree City, GA 30269
(770) 631-2600**

Valmart Door Sales, Ltd.
9644 192nd Street
Surrey, BC V4N4C6
(604) 888-6116

Q: Specification Section 15400N, paragraph 2.1.1.1 assume for buried storm interior of building. Please provide specification for above slab storm piping.

R: See Section 15400N, Paragraph 2.1.2 and related subparagraphs. Reference Amendment 1.

Q: Please provide installer for helical hold down pier, specification section 02495.

R: Below are two firms that offer this service; however, this response is not intended to restrict the bidders to use of the below listed firms;

Helical Drilling (uses A. B. Chance pier products)
639 Granite Street, Suite 101
Braintree, MA 02184
(781) 848-2110 | info@helicaldrilling.com

All Foundations (uses Atlas Pier products)
1014 Annadale Road
Staten Island, NY 10312
(718) 984-5566

Q: Sheet AF-601 - Room Finish Schedule, we and our painters are confused by Material 1 & 2. We cannot locate any information in the painting spec in regard to material 1 & 2.

R: The Room Finish Schedule allows space to enter more than one material for each wall of a room in the event there is more than one finish material for that wall (i.e., a gyp board wall with a wood paneling wainscot). For this project, the only area with walls comprised of more than one finish material is Room 101, Hangar Bay. The Room Finish Schedule lists MLP as Material 1 and SMS as Material 2. It also indicates each of these materials is to be painted. The Paint Specification details what products are to be used to paint each of these materials.

Q: Also, in the schedule for Room 101, Hangar Bay, you call out SMS, is this supposed to be SMR?

R: Yes, see above change to this drawing.

Q: Specification Section 05120a, para. 3.1 states that the structural steel fabricator is to be certified as AISC Category II. Please note that AISC no longer certifies as Categories I, II, and III. Applicable certification categories

for building are: Conventional steel building structures (SBD), and Complex steel building structures (CBD). Is the requirement for AISC certification going to be enforced and, if so, which category will apply?

R: Yes, see above change to this specification section.

Q: Please clarify relationship between existing and new grade beams at column line D. It appears that the new and existing grade beams are in conflict. Drawing SB101 shows existing grade beams terminating on existing footing, but detail 2/SB502 shows the new grade beam (and helical pier) extending past the existing footing, into space occupied by the existing grade beam.

R: See above change to this drawing for clarification.

Q: Drawing AE302 shows Item #124 with arrow pointing to existing bridge crane; however, no definition is provided for Item #124. Please clarify.

R: See above change to this drawing.

Q: Reference crane runway beams shown on SF101 and SF203: Are these items new or existing to be reinstalled under scope of architectural Keyed Note #0004, "Remove existing bridge crane and store for modification and reinstallation?"

R: Yes they are existing. See Sheet AD101, Demolition Plan 1, Keyed Note 0004 for removal and for reinstallation see Sheets AE103 and AE104, Keyed Note 1008.

Q: Please advise gauge as per Specification Section 08110-3 part 2.1/2.2 for doors 2.1.2.1.1 or 2.2 in door schedule.

R: See above change to this specification.

Q: If the fire pump must be started using a hard wired start circuit from the HEF fire alarm releasing panel, may this hard wire connection to the fire pump controllers be run on the power line poles (in a designated area below power lines) between the hangar building and the fire pump house?

R: The start signal for the fire pumps is sent via the new Monaco transceiver panel and antenna as shown on Sheet EY601, Detail 1, Notes 8 and 9.

Q: Can you please advise on the rating of the fire pump in Building 3102 that will supply the C-17 Hangar Building 3211?

R: The ratings for the pumps can be found on Drawing FP601, Schematic Piping Diagrams. Also refer to Drawing CU101, Existing Fire Water Line, for additional information.

Q: Does the Air Force want the AFFF that is removed from the bladder tank in Building 3211?

R: No. See various notes Sheet FD102.

Q: Will this facility be vacated for construction?

R: Yes. At this time no special provisions are to be made for partial occupancy of this facility by the Government during construction.

SECTION 09100N

METAL SUPPORT ASSEMBLIES

09/99

PART 1 GENERAL

1.1 REFERENCES

The publications listed below form a part of this specification to the extent referenced. The publications are referred to in the text by the basic designation only.

AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM)

ASTM A 653/A 653M	(1998) Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process
ASTM C 645	(1998) Nonstructural Steel Framing Members
ASTM C 754	(1997) Installation of Steel Framing Members to Receive Screw-Attached Gypsum Panel Products

1.2 SUBMITTALS

Submit the following in accordance with Section 01330, "Submittal Procedures."

1.3 DELIVERY, STORAGE, AND HANDLING

Deliver materials to the job site and store in ventilated dry locations. Storage area shall permit easy access for inspection and handling. If materials are stored outdoors, stack materials off the ground, supported on a level platform, and fully protected from the weather. Handle materials carefully to prevent damage. Remove damaged items and provide new items.

PART 2 PRODUCTS

2.1 MATERIALS

Provide steel materials for metal support systems with galvanized coating ASTM A 653/A 653M, Z180.

2.1.1 Materials for Attachment of Gypsum Wallboard

2.1.1.1 Nonload-Bearing Wall Framing and Furring

ASTM C 645, but not thinner than 0.45 mm thickness.

PART 3 EXECUTION

3.1 INSTALLATION

3.1.1 Systems for Attachment of Gypsum Wallboard

3.1.1.1 Nonload-Bearing Wall Framing and Furring

ASTM C 754, except as indicated otherwise.

3.2 ERECTION TOLERANCES

Framing members which will be covered by finish materials such as wallboard, shall be within the following limits:

- a. Layout of walls and partitions: 6 mm from intended position;
 - b. Plates and runners: 5 mm in 1.9 meters from a straight line;
 - c. Studs: 5 mm in 1.9 meters out of plumb, not cumulative; and
 - d. Face of framing members: 5 mm in 1.9 meters from a true plane.
- End of Section --

SECTION 09250

GYPSUM BOARD

11/01

PART 1 GENERAL

1.1 REFERENCES

The publications listed below form a part of this specification to the extent referenced. The publications are referred to in the text by the basic designation only.

AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM)

ASTM C 36/C 36M	(1999) Gypsum Wallboard
ASTM C 475	(1994) Joint Compound and Joint Tape for Finishing Gypsum Board
ASTM C 840	(2001) Application and Finishing of Gypsum Board
ASTM C 954	(2000) Steel Drill Screws for the Application of Gypsum Board or Metal Plaster Bases to Steel Studs from 0.033 in. (0.84 mm) to 0.112 in. (2.84 mm) in Thickness
ASTM C 1002	(2000) Steel Drill Screws for the Application of Gypsum Panel Products or Metal Plaster Bases
ASTM C 1047	(1999) Accessories for Gypsum Wallboard and Gypsum Veneer Base
ASTM C 1396/C 1396M	(2000) Standard Specification for Gypsum Board

GYPSUM ASSOCIATION (GA)

GA 214	(1996) Recommended Levels of Gypsum Board Finish
GA 216	(2000) Application and Finishing of Gypsum Board

1.2 SUBMITTALS

Submit the following in accordance with Section 01330, "Submittal Procedures."

SD-03 Product Data

Gypsum Board; G, AE

Accessories; G, AE

Submit for each type of gypsum board.

SD-07 Certificates

Asbestos Free Materials; G

Certify that gypsum board types and joint treating materials do not contain asbestos.

1.3 DELIVERY, STORAGE, AND HANDLING

1.3.1 Delivery

Deliver materials in the original packages, containers, or bundles with each bearing the brand name, applicable standard designation, and name of manufacturer, or supplier.

1.3.2 Storage

Keep materials dry by storing inside a sheltered building. Where necessary to store gypsum board outside, store off the ground, properly supported on a level platform, and protected from direct exposure to rain, snow, sunlight, and other extreme weather conditions. Provide adequate ventilation to prevent condensation.

1.3.3 Handling

Neatly stack gypsum board flat to prevent sagging or damage to the edges, ends, and surfaces.

1.4 ENVIRONMENTAL CONDITIONS

1.4.1 Temperature

Maintain a uniform temperature of not less than 10 degrees C in the structure for at least 48 hours prior to, during, and following the application of gypsum board and joint treatment materials.

1.4.2 Exposure to Weather

Protect gypsum board products from direct exposure to rain, snow, sunlight, and other extreme weather conditions.

1.5 QUALIFICATIONS

Manufacturer shall specialize in manufacturing the types of material specified and shall have a minimum of 5 years of documented successful experience. Installer shall specialize in the type of gypsum board work required and shall have a minimum of 3 years of documented successful experience.

PART 2 PRODUCTS

2.1 MATERIALS

Conform to specifications, standards and requirements specified herein.

Provide gypsum board types and joint treating materials manufactured from asbestos free materials only.

2.1.1 Gypsum Board

ASTM C 36/C 36M and ASTM C 1396/C 1396M.

2.1.1.1 Regular

1200 mm wide, 15.9 mm thick, tapered edges.

2.1.2 Joint Treatment Materials

ASTM C 475.

2.1.2.1 Embedding Compound

Specifically formulated and manufactured for use in embedding tape at gypsum board joints and compatible with tape, substrate and fasteners.

2.1.2.2 Finishing or Topping Compound

Specifically formulated and manufactured for use as a finishing compound.

2.1.2.3 All-Purpose Compound

Specifically formulated and manufactured to serve as both a taping and a finishing compound and compatible with tape, substrate and fasteners.

2.1.2.4 Joint Tape

Cross-laminated, tapered edge, reinforced paper tape recommended by the manufacturer.

2.1.3 Fasteners

2.1.3.1 Screws

ASTM C 1002, Type Type "S" steel drill screws for fastening gypsum board to steel framing members less than 0.84 mm thick. ASTM C 954 steel drill screws for fastening gypsum board to steel framing members 0.84 to 2.84 mm thick.

2.1.4 Accessories

ASTM C 1047. Fabricate from corrosion protected steel designed for intended use. Accessories manufactured with paper flanges are not acceptable. Flanges shall be free of dirt, grease, and other materials that may adversely affect bond of joint treatment.

2.1.5 Water

Clean, fresh, and potable.

PART 3 EXECUTION

3.1 EXAMINATION

3.1.1 Framing and Furring

Verify that framing and furring are securely attached and of sizes and spacing to provide a suitable substrate to receive gypsum board. Verify that all blocking, headers and supports are in place. Do not proceed with work until framing and furring are acceptable for application of gypsum board.

3.2 APPLICATION OF GYPSUM BOARD

Apply gypsum board to framing and furring members in accordance with ASTM C 840 or GA 216 and the requirements specified herein. Apply gypsum board with separate panels in moderate contact; do not force in place. Stagger end joints of adjoining panels. Neatly fit abutting end and edge joints. Use gypsum board of maximum practical length. Cut out gypsum board as required to make neat close joints around openings. In vertical application of gypsum board, provide panels in lengths required to reach full height of vertical surfaces in one continuous piece. Treat edges of cutouts for screwheads and joints with water-resistant compound as recommended by the gypsum board manufacturer. Provide type of gypsum board for use in each system specified herein as indicated.

3.2.1 Application of Gypsum Board to Steel Framing

Apply in accordance with ASTM C 840, System VIII or GA 216.

3.2.2 Control Joints

Install expansion and contraction joints in walls in accordance with ASTM C 840, System XIII or GA 216, unless indicated otherwise.

3.3 FINISHING OF GYPSUM BOARD

Tape and finish gypsum board in accordance with ASTM C 840, GA 214 and GA 216. Plenum areas above ceilings shall be finished to Level 1 in accordance with GA 214. Walls and ceilings without critical lighting to receive flat paints, light textures, or wall coverings shall be finished to Level 4 in accordance with GA 214. Provide joint, fastener depression, and corner treatment.

3.4 SEALING

Seal openings around items projecting through gypsum board as specified in Section 07900a "Joint Sealing." Apply material with exposed surface flush with gypsum board.

815N 3.5 PATCHING

Patch surface defects in gypsum board to a smooth, uniform appearance, ready to receive finish as specified.

-- End of Section --

SECTION 09510

ACOUSTICAL CEILINGS

07/02

PART 1 GENERAL

1.1 REFERENCES

The publications listed below form a part of this specification to the extent referenced. The publications are referred to within the text by the basic designation only.

AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM)

ASTM A 641/A 641M	(1998) Zinc-Coated (Galvanized) Carbon Steel Wire
ASTM C 423	(2001) Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method
ASTM C 635	(2000) Manufacture, Performance, and Testing of Metal Suspension Systems for Acoustical Tile and Lay-In Panel Ceilings
ASTM C 636	(1996) Installation of Metal Ceiling Suspension Systems for Acoustical Tile and Lay-In Panels
ASTM E 580	(2000) Application of Ceiling Suspension Systems for Acoustical Tile and Lay-In Panels in Areas Requiring Moderate Seismic Restraint
ASTM E 795	(2000) Mounting Test Specimens During Sound Absorption Tests
ASTM E 1264	(1998) Acoustical Ceiling Products
ASTM E 1414	(2000a) Airborne Sound Attenuation Between Rooms Sharing a Common Ceiling Plenum
ASTM E 1477	(1998a) Luminous Reflectance Factor of Acoustical Materials by Use of Integrating-Sphere Reflectometers

U.S. ARMY CORPS OF ENGINEERS (USACE)

TI 809-04	(1998) Seismic Design for Buildings
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UNDERWRITERS LABORATORIES (UL)

UL Fire Resist Dir	(1999) Fire Resistance Directory (2 Vol.)
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1.2 SUBMITTALS

Government approval is required for submittals with a "G" designation; submittals not having a "G" designation are for information only or as otherwise designated. When used, a designation following the "G" designation identifies the office that will review the submittal for the Government. The following shall be submitted in accordance with Section 01330 SUBMITTAL PROCEDURES:

SD-02 Shop Drawings

Approved Detail Drawings; G, AE

Drawings showing suspension system, method of anchoring and fastening, details, and reflected ceiling plan.

SD-03 Product Data

Acoustical Ceiling Systems; G, AE

Manufacturer's descriptive data, catalog cuts, and installation instructions. Submittals which do not provide adequate data for the product evaluation will be rejected.

SD-04 Samples

Acoustical Units; G, AE

Two samples of each type of acoustical unit and each type of suspension grid tee section showing texture, finish, and color.

SD-06 Test Reports

Ceiling Attenuation Class and Test

Reports by an independent testing laboratory attesting that acoustical ceiling systems meet specified and sound transmission requirements. Data attesting to conformance of the proposed system to Underwriters Laboratories requirements for the fire endurance rating listed in UL Fire Resist Dir may be submitted in lieu of test reports.

SD-07 Certificates

Acoustical Units

Certificate attesting that the mineral based acoustical units furnished for the project contain recycled material and showing an estimated percent of such material.

1.3 GENERAL REQUIREMENTS

Acoustical treatment shall consist of sound controlling units mechanically mounted on a ceiling suspension system. The unit size, texture, finish, and color shall be as specified. The Contractor has the option to substitute inch-pound (I-P) Recessed Light Fixtures (RLF) for metric RLF. If the Contractor opts to furnish I-P RLF, other ceiling elements like acoustical ceiling tiles, air diffusers, air registers and grills, shall also be I-P products. The Contractor shall coordinate the whole ceiling system with other details, like the location of access panels and ceiling penetrations, etc., shown on the drawings. If I-P products are used, the

Contractor shall be responsible for all associated labor and materials and for the final assembly and performance of the specified work and products. The location and extent of acoustical treatment shall be as shown on the approved detail drawings. Reclamation of mineral fiber acoustical ceiling panels to be removed from the job site shall be in accordance with paragraph RECLAMATION PROCEDURES.

1.3.1 Ceiling Attenuation Class and Test

The ceiling attenuation class (CAC) of the ceiling system shall be determined in accordance with ASTM E 1414.

1.3.2 Ceiling Sound Absorption

Determine the NRC in accordance with ASTM C 423 Method of Test.

1.3.3 Light Reflectance

Determine light reflectance factor in accordance with ASTM E 1477 Test Method.

1.4 DELIVERY AND STORAGE

Materials shall be delivered to the site in the manufacturer's original unopened containers with brand name and type clearly marked. Materials shall be carefully handled and stored in dry, watertight enclosures. Immediately before installation, acoustical units shall be stored for not less than 24 hours at the same temperature and relative humidity as the space where they will be installed in order to assure proper temperature and moisture acclimation.

1.5 ENVIRONMENTAL REQUIREMENTS

A uniform temperature of not less than 16 degrees C nor more than 29 degrees C and a relative humidity of not more than 70 percent shall be maintained for 24 hours before, during, and 24 hours after installation of acoustical units.

1.6 SCHEDULING

Interior finish work such as plastering, concrete and terrazzo work shall be complete and dry before installation. Mechanical, electrical, and other work above the ceiling line shall be completed and heating, ventilating, and air conditioning systems shall be installed and operating in order to maintain temperature and humidity requirements.

1.7 WARRANTY

Manufacturer's standard performance guarantees or warranties that extend beyond a one year period shall be provided. Standard performance guarantee or warranty shall contain an agreement to repair or replace acoustical panels that fail within the warranty period. Failures include, but are not limited to, sagging and warping of panels; rusting and manufacturers defects of grid system.

1.8 EXTRA MATERIALS

Spare tiles of each color shall be furnished at the rate of 5 tiles for

each 1000 tiles or less installed. Tiles shall be from the same lot as those installed.

PART 2 PRODUCTS

2.1 ACOUSTICAL UNITS

Contractor shall comply with EPA requirements in accordance with Section 01670 RECYCLED / RECOVERED MATERIALS. Acoustical units shall conform to ASTM E 1264, Class A, and the following requirements:

2.1.1 Units for Exposed-Grid System

Type: III (non-asbestos mineral fiber with painted finish).

Minimum NRC: 0.50 when tested on mounting Type E-400 of ASTM E 795.

Pattern: CD.

Nominal size: 600 by 1200 mm.

Edge detail: Square.

Finish: Factory-applied standard finish.

Minimum LR coefficient: LR-1, 0.75 or greater.

Minimum CAC: 40.

Flame Spread: Class A, 25 or less

2.2 SUSPENSION SYSTEM

Suspension system shall be standard exposed-grid, with standard width flange, and shall conform to ASTM C 635 for intermediate-duty systems. Surfaces exposed to view shall be aluminum or steel with a factory-applied white baked-enamel finish. Wall molding shall have a flange of not less than 23 mm. Standard Overlapped corners shall be provided. Suspended ceiling framing system shall have the capability to support the finished ceiling, light fixtures, air diffusers, and accessories, as shown. The suspension system shall have a maximum deflection of 1/360 of span length. Seismic details shall conform to the guidance in TI 809-04 and ASTM E 580.

2.3 HANGERS

Hangers and attachment shall support a minimum 1330 N ultimate vertical load without failure of supporting material or attachment.

2.3.1 Wires

Wires shall conform to ASTM A 641/A 641M, Class 1, 2.7 mm in diameter.

2.4 FINISHES

Acoustical units and suspension system members shall have manufacturer's standard textures, patterns and finishes as specified. Ceiling suspension system components shall be treated to inhibit corrosion.

PART 3 EXECUTION

3.1 INSTALLATION

Examine surfaces to receive directly attached acoustical units for unevenness, irregularities, and dampness that would affect quality and execution of the work. Areas where acoustical units will be cemented shall be free of oils, form residue, or other materials that reduce bonding capabilities of the adhesive. Interior finish work such as concrete, and masonry work shall be completed and dry before installation. Mechanical, electrical, and other work above the ceiling line shall be completed and approved prior to the start of acoustical ceiling installation. Acoustical work shall be provided complete with necessary fastenings, clips, and other accessories required for a complete installation. Mechanical fastenings shall not be exposed in the finished work. Hangers shall be laid out for each individual room or space. Hangers shall be placed to support framing around beams, ducts, columns, grilles, and other penetrations through ceilings. Main runners and carrying channels shall be kept clear of abutting walls and partitions. At least two main runners shall be provided for each ceiling span. Wherever required to bypass an object with the hanger wires, a subsuspension system shall be installed, so that all hanger wires will be plumb.

3.1.1 Suspension System

Suspension system shall be installed in accordance with ASTM C 636 and as specified herein. There shall be no hanger wires or other loads suspended from underside of steel decking.

3.1.1.1 Plumb Hangers

Hangers shall be plumb and shall not press against insulation covering ducts and pipes. Where lighting fixtures are supported from the suspended ceiling system, hangers shall be provided at a minimum of four hangers per fixture and located not more than 150 mm from each corner of each fixture. See Section 16415A ELECTRICAL WORK, INTERIOR for additional lighting installation requirements.

3.1.1.2 Splayed Hangers

Where hangers must be splayed (sloped or slanted) around obstructions, the resulting horizontal force shall be offset by bracing, countersplaying, or other acceptable means.

3.1.2 Wall Molding

Wall molding shall be provided where ceilings abut vertical surfaces. Wall molding shall be secured not more than 75 mm from ends of each length and not more than 400 mm on centers between end fastenings. Wall molding springs shall be provided at each acoustical unit in semi-exposed or concealed systems.

3.1.3 Acoustical Units

Acoustical units shall be installed in accordance with the approved installation instructions of the manufacturer. Edges of acoustical units shall be in close contact with metal supports, with each other, and in true alignment. Acoustical units shall be arranged so that units less than one-half width are minimized. Units in exposed-grid system shall be held in place with manufacturer's standard hold-down clips, if units weigh less

than 5 kg per square m or if required for fire resistance rating.

3.2 CLEANING

Following installation, dirty or discolored surfaces of acoustical units shall be cleaned and left free from defects. Units that are damaged or improperly installed shall be removed and new units provided as directed.

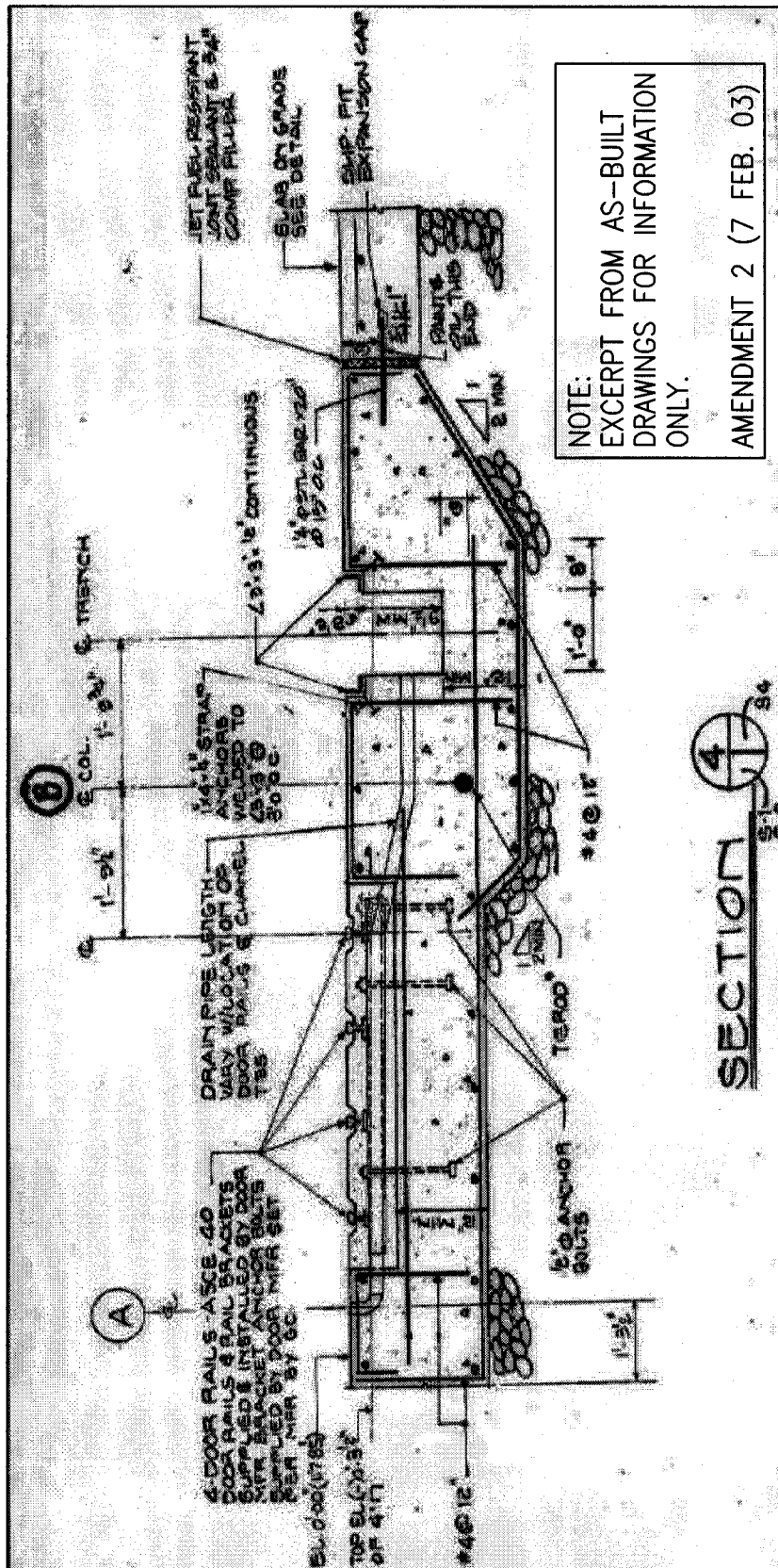
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 CHECKED BY: TJD

F S B

FRANKFURT · SHORT · BRUZA · ASSOCIATES, P.C.
 ARCHITECTS · ENGINEERS · PLANNERS

5801 BROADWAY EXT., SUITE 500 OKLAHOMA CITY, OK. 73118
 PHONE 405-840-2931 WEBSITE www.fsb-ae.com



NOTE:
 EXCERPT FROM AS-BUILT
 DRAWINGS FOR INFORMATION
 ONLY.

AMENDMENT 2 (7 FEB. 03)

SECTION 4

DACA51-03-B-000

SHEET TITLE		DATE
EXISTING CONDITION DEMOLITION CLARIFICATION		02/07/03
PROJECT / PACKAGE		PROJECT NO.
MAFB C-17 ALTER HANGAR BLDG. 3211		20010265
SEQUENCE NUMBER	REVISION DESCRIPTION	SHEET NO.
1 OF 2		SK-01

PACKAGE No.: 10265
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 DRAWN BY: JF
 CHECKED BY: TJD

F S B

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SHEET TITLE

EXISTING CONDITION DEMOLITION CLARIFICATION

PROJECT / PACKAGE

MAFB C-17 ALTER HANGAR BLDG. 3211

SEQUENCE NUMBER

2 OF 2

REVISION DESCRIPTION

DATE

02/07/03

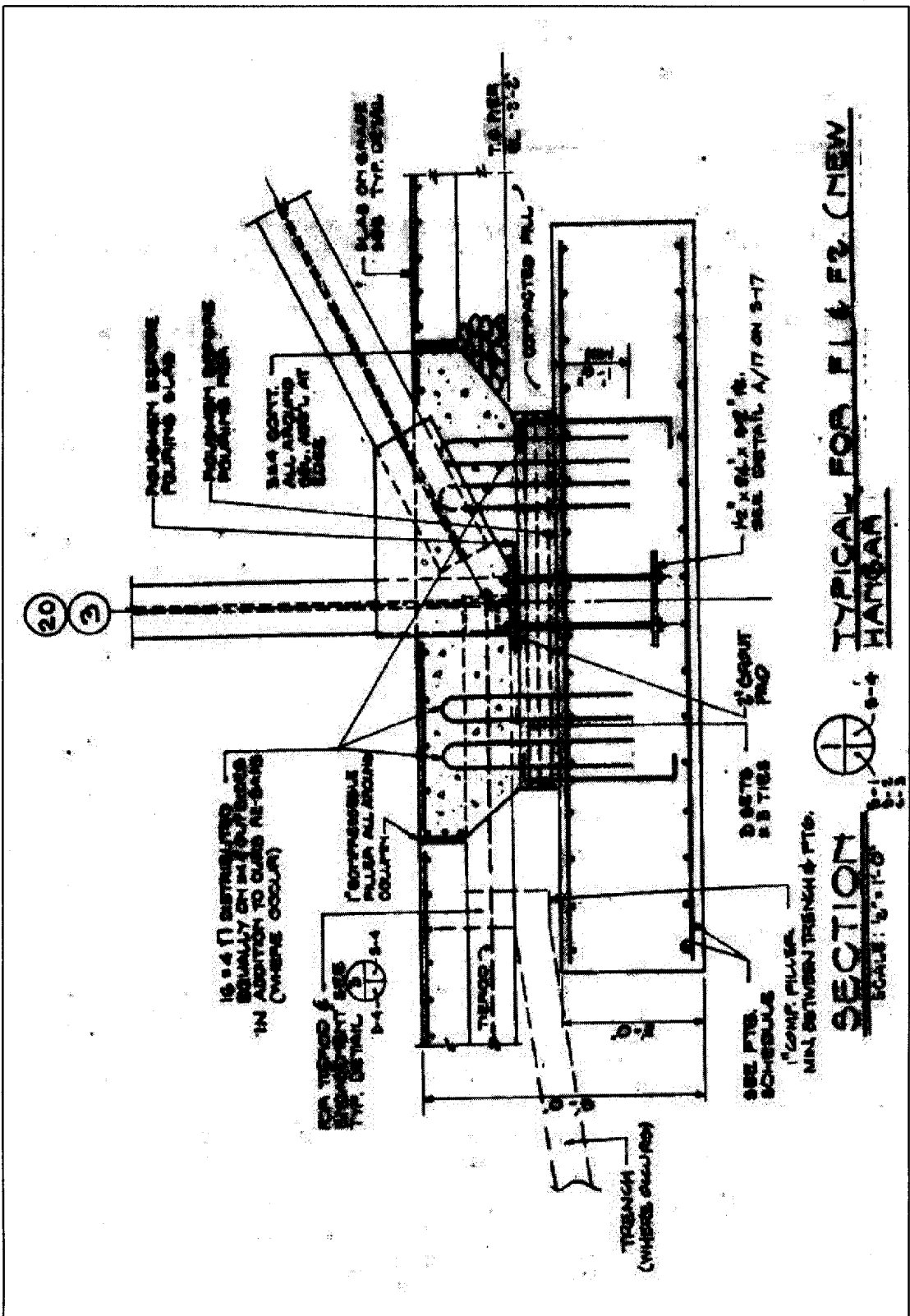
PROJECT NO.

20010265

SHEET NO.

SK-02

DACA51-03-B-000



TYPICAL FOR FL & F2 (NEW)



SECTION

SCALE: 3/8\"/>

NOTE:
 EXCERPT FROM AS-BUILT
 DRAWINGS FOR INFORMATION
 ONLY.

AMENDMENT 2 (7 FEB 03)

GENERAL DECISION **NJ020002** 01/31/2003 NJ2

Date: January 31, 2003 sg
General Decision Number **NJ020002**

Superseded General Decision No. NJ010002

State: New Jersey

Construction Type:
BUILDING
HEAVY
HIGHWAY

County(ies):
ATLANTIC CUMBERLAND OCEAN
BURLINGTON GLOUCESTER SALEM
CAMDEN MERCER
CAPE MAY MONMOUTH

Building (excluding single family homes and apartments up to and including 4 stories), Heavy (does not include the counties of BURLINGTON, CAMDEN, GLOUCESTER, AND SALEM) Highway Construction Projects.

Modification Number	Publication Date
0	03/01/2002
1	03/08/2002
2	03/15/2002
3	04/19/2002
4	04/26/2002
5	05/03/2002
6	05/10/2002
7	06/07/2002
8	07/05/2002
9	08/09/2002
10	09/06/2002
11	09/13/2002
12	10/04/2002
13	11/01/2002
14	11/08/2002
15	01/03/2003
16	01/31/2003

COUNTY(ies):
ATLANTIC CUMBERLAND OCEAN
BURLINGTON GLOUCESTER SALEM
CAMDEN MERCER
CAPE MAY MONMOUTH

ASBE0014C 05/01/2000

Rates Fringes
BURLINGTON (townships of Edgewater Park,Lumberton,Sampton,
Shamong,Tabermacle,Westhampton,&Willingboro), CAMDEN, &

GLOUCESTER COUNTIES:

ASBESTOS WORKERS/INSULATORS

(includes the application of all insulating materials, protective coverings, coatings, and finishes to all types of mechanical systems. Also the application of firestopping material, openings and penetrations in walls, floors, ceilings, curtain walls and all lead abatement).

28.12	13.74
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ASBE0042B 07/15/1999

Rates	Fringes
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SALEM COUNTY:

ASBESTOS WORKERS	23.99	9.89
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ASBE0085A 06/01/1994

Rates	Fringes
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ASBESTOS WORKERS/INSULATORS
Includes the application of all insulating materials, protective coverings, coatings, and finishes to all types of mechanical systems

ZONE 1	20.20	6.35
ZONE 2	18.30	6.825

ASBESTOS WORKERS ZONE DEFINITIONS

ZONE 1: ATLANTIC, BURLINGTON (Bass River and Washington Twps.); CAPE MAY, CUMBERLAND AND OCEAN (Eaglewood, Lacy, Little Egg Harbor, Long Beach, Ocean, Stafford, Tuckerton, and Union Twps.) COUNTIES.

ZONE 2: MONMOUTH (Remainder of County)

ASBE0089G 07/01/2002

Rates	Fringes
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BURLINGTON (includes the townships of Bordentown, Burlington, Chesterfield, Easthampton, Florence, Mansfield, Mount Holly, New Hanover, North Hanover, Pembereton, Roebling, Springfield, Wrightstown, & Woodland); MERCER COUNTY; MONMOUTH (includes the townships of Allentown, Blansingburg, Brielle, Englishtown, Farmingdale, Freehold, Howell, Manasquan, Millstone, Roosevelt, Sea Crit, South Belmar, Spring Lake Heights, Upper Freehold, Wall, & West Belmar); & OCEAN (includes the townships of Beachwood, Berkeley, Breton Woods, Brick, Cederwood Park, Dover, Gillford Park, Island Beach, Island Heights, Jackson, Lakehurst, Lakewood, Manchester, New Egypt, Ocean Gate, Pine Beach, Plumstead, South Toms River & Toms River) COUNTIES:

ASBESTOS WORKERS/INSULATORS

Includes the application of all
insulating materials, protective
coverings, coatings, and finishes
to all types of mechanical systems 29.78 15.97

BOIL0028C 01/01/2002

	Rates	Fringes
BOILERMAKERS	32.03	44%+4.61

BRNJ0005A 11/01/2000

	Rates	Fringes
BRICKLAYERS, STONEMASONS, MARBLE MASONS, CEMENT MASONS, (Excludes Building Construction for Mercer County), PLASTERERS, TILE LAYERS, & TERRAZZO WORKERS	27.85	12.70

CARP0031B 11/01/2002

	Rates	Fringes
MERCER COUNTY (Remainder)		
CARPENTERS & INSULATORS	30.87	13.28
MILLWRIGHTS	30.87	13.28

CARP0454B 07/01/2001

	Rates	Fringes
DOCK BUILDERS & PILEDRIVERMEN	27.45	16.79+A

FOOTNOTE:

A. PAID HOLIDAYS: New Year's Day, Washington's Birthday,
Memorial Day, Independence Day, Labor Day, Veteran's
Day, Presidential Election Day, and Thanksgiving Day;
provided employee works any of the 3 days in the 5-day
work week preceeding the holiday and the first work day
after the holiday.

CARP0623A 11/01/2002

	Rates	Fringes
ATLANTIC, BURLINGTON, CAMDEN, CAPE MAY, CUMBERLAND, GLOUCESTER AND SALEM COUNTIES		

CARPENTERS, INSULATORS, MILLWRIGHTS AND SOFT FLOOR LAYERS	30.87	13.28
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CARP0781A 11/01/2002

	Rates	Fringes
MERCER COUNTY (Beginning from the present Post Office in Lawrenceville to a point Northward through the present "Radio		

Site" to the junction of Rosedale Road and Read's Mill Road to the junction of Pennington and Mount Rose Road to the Somerset County line, again starting at the present Post Office in Lawrenceville and Eastward to the junction of Brunswick Pike and Delaware and Raritan Canal Bridge taking the center of the Road to CLarksville then South on Providence Line Road to the Pennsylvania Railroad then East on Dutch Neck North to Grover's Mills to the Middlesex County Line)

CARPENTERS	30.87	13.28
MILLWRIGHTS	30.87	13.28

CARP0999B 12/03/1994

	Rates	Fringes
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CAMDEN, GLOUCESTER AND SALEM COUNTIES

TERRAZZO FINISHERS	12.93	5.05
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CARP0999C 12/03/1994

	Rates	Fringes
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ATLANTIC AND MONMOUTH COUNTIES:

TILE FINISHERS	8.45	13%
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CARP0999D 12/03/1994

	Rates	Fringes
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CAMDEN, GLOUCESTER AND SALEM COUNTIES

TILE FINISHERS	12.72	5.05
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CARP0999E 12/03/1994

	Rates	Fringes
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CAMDEN, GLOUCESTER AND SALEM COUNTIES

MARBLE FINISHERS	12.95	5.05
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CARP1456G 05/01/2001

	Rates	Fringes
DIVERS	37.13	23.56
DIVER TENDERS	27.67	23.56

CARP1456H 05/01/2001

	Rates	Fringes
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MERCER AND MONMOUTH COUNTIES

DOCK BUILDERS & PILEDRIVERMEN	30.39	23.56
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CARP2018A 11/01/2002

	Rates	Fringes
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OCEAN COUNTY

CARPENTERS	30.87	13.28
MILLWRIGHTS	30.87	13.28

CARP2212B 11/01/2002

	Rates	Fringes
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BURLINGTON, MERCER, MONMOUTH AND OCEAN COUNTIES

SOFT FLOOR LAYERS	30.87	13.28
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CARP2250A 11/01/2002

	Rates	Fringes
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MONMOUTH COUNTY

CARPENTERS	30.87	13.28
MILLWRIGHTS	30.87	13.28

ELEC0269D 10/01/2002

	Rates	Fringes
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BURLINGTON (Area North of a line following the West and South limits of Burlington Borough from the Delaware River in a Southeasterly direction to the Burlington - Mt Holly Road, South-Southeast along this Road to and including the Town of Mount Holly, East along the Pennsylvania Railroad to and including New Lisbon and continuing along the Pennsylvania Railroad to Ocean County Line), AND MERCER COUNTIES

LINE CONSTRUCTION (EXCEPT RAILROAD WORK):

Linemen, Cable Splicers, Equipment Operators and Technicians	36.03	47%
Truck Drivers, Groundmen and Winch Operators	28.82	47%

ELEC0269E 10/01/2002

	Rates	Fringes
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BURLINGTON COUNTY (Area North of a line following the West and

South limits of Burlington Borough from the Delaware River in a Southeasterly direction to the Burlington - Mount Holly Road, South-Southeast along this road to and including the Town of Mount Holly, East along the Pennsylvania Railroad to and including New Lisbon and continuiong along the Pennsylvania Railroad to the Ocean County Line) AND MERCER COUNTIES

ELECTRICIANS & CABLE SPLICERS	36.03	47.3%+.25
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ELEC0351A 10/01/2001

	Rates	Fringes
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ATLANTIC; BURLINGTON (Edgewater park, Delanco, Delran, Cinnaminson,Moorestown, Mount Laurel, Wilingsboro, Hainesport,

Lumberton, Medford, Evesham Townships; and the portion of Shamong, Tabernacle, and Woodland Townships North of the Central Railroad of New Jersey Line; and the portion of Burlington, Westhampton, Easthampton, South Hampton and Pemberton Townships South of a line starting at the Delaware River and following the Southern boundary of Burlington Borough to the Burlington - Mount Holly Road, along this road to Mount Holly around but excluding Mount Holly to the Pennsylvania Railroad along the Pennsylvania Line through, but excluding, Pemberton, through but excluding New Lisbon to the Ocean County line and that portion south of the Central Railroad of New Jersey line running through Chatsworth); CAMDEN; CAPE MAY; CUMBERLAND; GLOUCESTER; and SALEM COUNTIES:

ELECTRICIANS & CABLE SPLICERS	32.89	51.05%+.20
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ELEC0351C 10/01/2001

Rates	Fringes
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ATLANTIC; BURLINGTON (Edgewater park, Delanco, Delran, Cinnaminson, Moorestown, Mount Laurel, Wilingsboro, Hainesport, Lumberton, Medford, Evesham Townships; and the portion of Shamong, Tabernacle, and Woodland Townships North of the Central Railroad of New Jersey Line; and the portion of Burlington, Westhampton, Easthampton, South Hampton and Pemberton Townships South of a line starting at the Delaware River and following the Southern boundary of Burlington Borough to the Burlington - Mount Holly Road, along this road to Mount Holly around but excluding Mount Holly to the Pennsylvania Railroad along the Pennsylvania Line through, but excluding, Pemberton, through but excluding New Lisbon to the Ocean County line and that portion south of the Central Railroad of New Jersey line running through Chatsworth); CAMDEN; CAPE MAY; CUMBERLAND; GLOUCESTER; and SALEM COUNTIES:

LINEMAN, HEAVY EQUIPMENT OPERATOR, &		
CABLE SPLICERS	32.89	52.05%
GROUNDMAN	27.95	52.05%

ELEC0400A 06/03/2002

Rates	Fringes
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MONMOUTH AND OCEAN COUNTIES

ELECTRICIANS & CABLE SPLICERS	36.01	40.75%
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ELEC0400B 06/02/1997

Rates	Fringes
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MONMOUTH AND OCEAN COUNTIES

LINE CONSTRUCTION (Excluding Railroad construction):

Lineman, Equipment Operator,		
and Cable Splicer	28.96	18.75%+5.83
Groundman	27.01	18.75%+5.83

ELEC0999A 12/03/1994

Rates Fringes

BURLINGTON, CAMDEN, CAPE MAY, CUMBERLAND, GLOUCESTER, MONMOUTH,
OCEAN AND SALEM COUNTIES:

LINE CONSTRUCTION (RAILROAD ONLY):

Linemen	16.96	25%
Line Equipment Operator	16.20	25%
Groundman Winch Operator	13.07	25%
Groundman	11.06	25%
Dynamite Man	14.20	25%
Street Light Mechanic	12.97	25%
Line Equipment Mechanic	12.90	25%

ELEV0005C 06/19/2000

	Rates	Fringes
ELEVATOR MECHANICS	33.395	6.935+A

FOOTNOTE:

- A. PAID HOLIDAYS: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day
PAID VACATION: Employer contributes 4% of basic hourly rate as vacation pay credit for 5 years or more of service, and 2% for 6 months to 5 years of service.
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ENGI0825B 07/01/2002

	Rates	Fringes
POWER EQUIPMENT OPERATORS:		
BUILDING CONSTRUCTION PROJECTS; HEAVY;		
HIGHWAY; ROAD; STREET AND SEWER PROJECTS:		

GROUP 1	32.87	17.15+A+B
GROUP 2	31.28	17.15+A+B
GROUP 3	29.37	17.15+A+B
GROUP 4	27.74	17.15+A+B
GROUP 5	26.03	17.15+A+B
GROUP 6	34.59	17.15+A+B

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Autograde - Combination Subgrader; base metal spreader and 7 base trimmer (CMI and similar types); autograde placer, trimmer, spreader combination (CMI and similar types); autograde slipform paver (CMI and similar types); backhoe; central power plants (all types); concrete paving machines; cranes (all types, including overhead and straddle traveling type); cranes; gantry; derricks (land or floating); drillmaster, quarrymaster (down the hole drill) rotary drill; self propelled hydraulic drill; self-powered drill; dragline; elevator graders; front end loaders (5 yds. and over); gradalls; grader; raygo; locomotive (large); mucking machines; pavement and concrete breaker, i.e.; superhammer and hoe ram; pile driver; length of boom including length of leads, shall determine premium rate applicable; roadway surface grinder; scooper (loader and shovel); shovels; tree chopper with boom; trench machines.

GROUP 2: "A" frame; backhoe (combination); boom attachment on loaders (rate based on size of bucket) not applicable to pipehook, boring and drilling machines; brush chopper; shredder and tree shredder; tree shearer; cableways; carryalls; concrete pump; concrete pumping system; pumpcrete and similar types; conveyors, 125 ft. and over; drill doctor including dust collector, maintenance); front end loaders (2 yds. but less than 5 yds.); graders (finisher); groove cutting machine (ride on type); header planer; hoists; (all types hoists, shall also include steam, gas, diesel, electric, air hydraulic, single and double drum, concrete brick shaft caisson, snorkel roof, and/or any other similar type hoisting machines, portable or stationary, except Chicago boom type); hoists (Chicago boom type); hydraulic cranes, 10 tons and under, hydro-axle; jacks screw air hydraulic power operated unit or console type (not hand jack or pile load test type); log skidder; pans; pavers (all concrete; pumpcrete machines; squeezecrete and concrete pumping (regardless of size); scrapers; side booms; straddle carrier; ross and similar types; winch truck (hoisting).

GROUP 3: Asphalt curbing machine; asphalt plant engineer; asphalt spreader; autograder tube finisher and texturing machine (CMI and similar types); autograde curercrete machine (CMI and similar types); autograde curb trimmer and sidewalk; shoulder; slipform (CMI and similar types); bar bending machines (power); batchers; batching plant and crusher on side; belt conveyor systems; boom type skimmer machines, bridge deck finisher; bulldozers (all); car dumpers (railroad); compressor and blower type units (used independently or mounted on dual purposes trucks, on job site or in conjunction with job site in loading and unloading of concrete, cement, fly ash, instancrete, or similar type materials); compressor (2 or 3) (battery); concrete finishing machines; concrete saws and cutters (ride on type); concrete spreaders; hetzel; rexomatic and similar types; concrete vibrators, conveyors; under 125 ft.; crushing machines; ditching machine; small (ditchwitch or similar type); dope pots (mechanical with or without pump); dumpsters elevator; fireman; fork lifts (economobile; lull and similar types of equipment); front end loaders (1 yd. and over but less than 2 yds.). generators (2 OR 3) in battery; giraffe grinders; graders and

motor patrols; gunnite machines (excluding nozzle); hammer vibratory (in conjunction with generator); hoist (roof, tugger, aerial platform hoist and house cars); hoppers; hopper doors (power operated); ladders (motorized); laddervator; locomotive; dinky type; maintenance; utility man; mechanics; mixers (except paving mixers); motor patrols and graders; pavement breakers, small; self-propelled ride on type (also maintaining compressor or hydraulic unit); pavement breaker; truck mounted; pipe bending machine (power); roller; black top; scales; power; seaman pulverizing mixer; shoulder widener; silos; skimmer machines (boom type); steel cutting machine; services and maintaining tractors; tug captain; vibrating plants (used in conjunction with unloading); welder and repair mechanics, concrete cleaning/decontamination machine operator, directional boring machine,

heavy equipment robotics operator/technician, master environmental maintenance technician, ultra high pressure waterjet cutting tool system operator/maintenance technician, vacuum blasting machine operator/maintenance technician.

GROUP 4: Brooms and sweepers, chippers, compressor (single), concrete spreaders (small type), conveyor loaders (not including elevator graders), engines, large diesel (1620 H.P.) and staging pump, farm tractors; fertilizing equipment (operation and maintenance) fine grade machine (small type); form line graders (small type); front loader (under 1 yd.); generator (single); grease, gas, fuel and oil supply trucks; heaters (nelson or other type including propane, natural gas or flow-type units); lights; portable generating light plants; mixers; concrete small; mulching equipment (operation and maintenance) pumps (4 inch suction and over including submersible pumps); pumps (2 or less than 4" suction and over including submersible pumps); pumps (diesel engine and hydraulic) immaterial of power road finishing machines (small type); rollers; grade; fill or stone base; seeding equipment (operation and maintenance of); sprinkler and water pump trucks steam jennies and boilers, stone spreader; tamping machines; vibrating ride-on; temporary heating plant (nelson or other type, including propane, natural gas or flow type untis); water and sprinkler trucks; welding machines (gas, diesel, and/or electric converters of Any type, single; two or three in a battery); welding systems, multiple (rectifier transformer type); wellpoint systems.

GROUP 5: Oiler.

GORUP 6: Helicopter Pilot.

FOOTNOTES:

- A. PAID HOLIDAYS: New Year's Day; Washington'd Birthday, Memorial Day; Independence Day; Labor Day, Veteran's Day, Thanksgiving Day, and Christmas Day
- B. Employee receives 20% Premium Pay for Hazardous Waste Work.

ENGI0825C 07/01/2002

	Rates	Fringes
POWER EQUIPMENT OPERATORS		

TANK ERECTION:

GROUP 1	35.36	17.15+A+B
GROUP 2	34.52	17.15+A+B
GROUP 3	36.50	17.15+A+B
GROUP 4	32.43	17.15+A+B
GROUP 5	27.22	17.15+A+B

FOOTNOTES:

- A. PAID HOLIDAYS: New Year's Day; Washington's Birthday Memorial Day; Independence Day; Labor Day; Veteran's Day, Thanksgiving Day; and Christmas Day.
- B. Employee receives 20% premium pay for hazardous waste work.

TANK ERECTION CLASSIFICATIONS

GROUP 1: Operating Engineers--on all Cranes, derricks, etc. with booms including jib 140 ft. or more above the ground.

GROUP 2: Operating Engineers--on all equipment, including cranes derricks, etc. with booms including jib, less than 140 ft. above the ground.

GROUP 3: Helicopters--Pilot.

GROUP 4: Air compressors, welding machines and generators (gas, diesel, or electrical driven equipment and sources of power from a permanent plant, i.e., steam, compressed air, hydraulic or other power, for the operating of any machine or automatic tools used in the erection, alteration, repair and dismantling of tanks and any and all "DUAL PURPOSE" trucks used on the construction job site.

GROUP 5: Oiler.

ENGI0825D 07/01/2002

	Rates	Fringes
POWER EQUIPMENT OPERATORS:		
[STEEL ERECTION]:		

GROUP 1	34.64	17.15+A+B
GROUP 2	34.73	17.15+A+B
GROUP 3	32.34	17.15+A+B
GROUP 4	29.78	17.15+A+B
GROUP 5	28.25	17.15+A+B
GROUP 6	26.49	17.15+A+B
GROUP 7	37.00	17.15+A+B

FOOTNOTES:

A. PAID HOLIDAYS: New Year's Day, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, and Christmas Day.

B. Employees receive 20% premium pay for hazardous waste work.

POWER EQUIPMENT OPERATORS CLASSIFICATIONS [STEEL ERECTION]

GROUP 1: Cranes - (all cranes, land or floating with booms including job 140 ft. and over, above ground); derricks-(all derricks, land or floating with boom including jib 140 ft. and over, above ground).

GROUP 2: Cranes - (all cranes, land or floating with booms including jib less than 140 ft. above ground); derricks (all derricks, land or floating with booms including jib, less than 140 ft. above ground).

GROUP 3: "A" frame; cherry pickers 10 tons and under; hoists; all types hoists shall also include steam, gas, diesel, electric, air hydraulic, single and double drum, concrete, brick shaft caisson, or any other similar type hoisting machines, portable or stationary, except Chicago boom type; jacks-screw air hydraulic power operated unit console type (not hand jack or pile load test type) side booms.

GROUP 4: Aerial platform used hoist; compressor, 2 or 3 in battery; elevators or house cars; conveyors and tugger hoists; fireman; forklift; generators, 2 or 3 maintenance-utility man; rod bending machine (power); welding machines--(gas or electric, 2 or 3 in battery, including diesels); captain power boats; tug master power boats.

GROUP 5: Compressor, single, welding machine, single, gas, electric converters of any type, diesel; welding system multiple (rectifier transformer type); generator, single.

GROUP 6: Oiler staddle carrier.

GROUP 7: Helicopter pilot.

ENGI0825E 07/01/2002

Rates Fringes

POWER EQUIPMENT OPERATORS:

OILOSTATIC MAINLINES & TRANSPORTATION PIPELINES:

GROUP 1	33.50	17.15+A+B
GROUP 2	32.85	17.15+A+B
GROUP 3	29.71	17.15+A+B
GROUP 4	28.31	17.15+A+B
GROUP 5	26.49	17.15+A+B
GROUP 6	35.43	17.15+A+B

FOOTNOTES:

A. PAID HOLIDAYS: New Year's Day; Washington's Birthday, Memorial Day; Independence Day; Labor Day; Veteran's Day,

Thanksgiving Day; and Christmas Day

B. Employee receives 20% premium pay for hazardous waste work.

OILOSTATIC MAINLINES AND TRANSPORTATION PIPE LINES CLASSIFICATIONS

GROUP 1: Backhoe; cranes (all types); draglines; front-end loaders (5 yds. and over); gradalls; scooper (loader and shovel); koehring and trench machines.

GROUP 2: "A" frame; backhoe (combination hoe loader); boring and drilling machines; ditching machine, small; ditchwitch or similar type; fork lifts; front end loaders (2 yds and over but less than 5 yds.); graders, finish (fine); hydraulic cranes, 10 tons and under (over 10 tons - crane rate applies); side booms; and winch trucks (hoisting).

GROUP 3: Backfiller; brooms and sweepers; bulldozers; compressors (2 or 3 in battery); front-end loaders (under 2 yds.); generators; giraffe grinders; graders and motor patrols; mechanic; pipe bending machine (power); tractors; water and sprinkler trucks, welder and repair mechanic.

GROUP 4: Compressor (single); dope pots (mechanical with or without pump); dust collectors; farm tractors; pumps (4 in. suction and over); pumps (2 or less than 4 in. suction); pumps; diesel engine and hydraulic (immaterial or power); welding machines; gas or electric converters of any type, single; welding machines, gas or electric converters of any type, 2 or 3 in battery multiple welders; wellpoint systems (including installation and maintenance).

GROUP 5: Oiler, grease, gas, fuel and supply trucks and tire repair and maintenance.

GROUP 6: Helicopter-pilot.

IRON0011B 07/01/2002

	Rates	Fringes
MONMOUTH AND OCEAN COUNTIES		

IRONWORKERS:

Structural & Ornamental	29.53	24.10
Reinforcing	27.63	24.10

IRON0068A 07/01/2002

	Rates	Fringes
BURLINGTON (Remainder), MERCER, MONMOUTH (South half), AND OCEAN (Middle third) COUNTIES		

IRONWORKERS:

Structual, Ornamental	27.91	22.35
Reinforcing (Concrete Rods)	25.91	22.35

* IRON0350A 07/01/2002

	Rates	Fringes
ATLANTIC, CAPE MAY, CUMBERLAND (Area East of a line drawn from Delaware Bay through the town of Cedarsville and upwards to the point where the county lines of Gloucester, Cumberland, and Atlantic meet), AND OCEAN (Remainder) COUNTIES		

IRONWORKERS:

BUILDING CONSTRUCTION:

Structural & Precast	28.70	19.35
Reinforced Concrete	27.70	19.35
Fence and Guardrail Erector	24.85	19.35
Windows	27.70	19.35

HIGHWAY CONSTRUCTION:

Reinforced Concrete	25.40	19.35
Structural & Precast	27.75	19.35

IRON0399A 07/01/2002

Rates Fringes
BURLINGTON (Southern portion up to but not including Lumberton
and Chatsworth Twps.), CAMDEN, CUMBERLAND (Remainder),
GLOUCESTER, AND SALEM COUNTIES

IRONWORKERS:

Structural, Ornamental, and Reinforcing	31.35	14.20
Hazardous work	34.35	14.20

LABO0172A 03/01/2002

Rates Fringes
ATLANTIC, BURLINGTON, CAMDEN, CAPE MAY, CUMBERLAND, GLOUCESTER,
MERCER, OCEAN AND SALEM COUNTIES

LABORERS:

GROUP 1	24.55	11.20+A
GROUP 2	24.75	11.20+A
GROUP 3	25.05	11.20+A
GROUP 4	25.25	11.20+A
GROUP 5	25.50	11.20+A
GROUP 6	29.05	11.20+A
GROUP 7	27.55	11.20+A

FOOTNOTE:

A. PAID HOLIDAYS: New Year's Day, Washington's Birthday,
Memorial Day, Independence Day; Labor Day, Veteran's Day,
Presidential Election Day, Thanksgiving Day, and Christmas
Day, provided the employee works 3 days for the same
Employer within a period of ten working days consisting of
five working days before and five working days after the

day upon which the holiday falls or is observed.

LABORERS CLASSIFICATIONS

GROUP 1: Common laborers, landscape laborers, railroad track
laborers, flagmen, salamander tenders, pitman, dumpman,
waterproofing laborers, rakers and tampers on cold patch work,
and wrapping and coating of all pipes.

GROUP 2: Powder carrier, magazine tender, and signalman.

GROUP 3: Sewer pipe, laser men, conduit and duct line layer,
power tool operator, jack hammer, chipping hammer, pavement
breaker, power buggy, concrete cutter, asphalt cutter, sheet
hammer and tree cutter operators, sandblasting cutting, burning

and such other power tools used to perform work usually done manually by laborers.

GROUP 4: Wagon drill operator, timberman and drill master.

GROUP 5: Finisher, manhole, catch basin or inlet builder, form setter, rammer, paver, gunite nozzleman and stonecutter.

GROUP 6: Blaster.

GROUP 7: Hazardous waste laborer.(Excludes asbestos work).

LABO0172B 03/01/2002

	Rates	Fringes
LABORERS; FREE AIR TUNNEL:		
GROUP 1	27.25	12.95+A
GROUP 2	23.85	12.95+A
GROUP 3	23.70	12.95+A
GROUP 4	23.20	12.95+A

FOOTNOTE:

A. PAID HOLIDAYS: New Year's Day, Washington's Birthday, Memorial Day; Independence Day, Labor Day, Presidential Election Day, provided the employee works 3 days for the same Employer within a period of ten working days consisting of five working days before and five working days after the day upon which the holiday falls or is observed.

LABORERS; FREE AIR TUNNEL CLASSIFICATIONS

GROUP 1: Blasterers.

GROUP 2: Skilled men (including miners, drill runners, iron men, maintenance men, conveyor men, safety miners, riggers, block layers, cement finishers, rod men, caulkers, powder carriers, all other skilled men).

GROUP 3: Semi-skilled men (including chuck tenders, track men, nippers, brakemen, derail men, cable men, hose men, grout men, gravel men, form men, bell or signal men (top or bottom), form workers and movers, concrete workers, shaft men, tunnel laborers, all other semi-skilled).

GROUP 4: All others (including powder watchmen, change house attendants, top laborers).

LABO0172C 03/01/2002

	Rates	Fringes
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ATLANTIC, BURLINGTON, CAMDEN, CAPE MAY, CUMBERLAND, GLOUCESTER, MERCER, MONMOUTH, OCEAN, SALEM, AND MIDDLESEX (Southern half) COUNTIES

LABORERS - ASPHALT CONSTRUCTION:

STREET:

Head Rakers	23.60	12.95+A
Rakers & Screed Men	23.45	12.95+A
Tampers, Smothers, Kettlemen, Painters, Shovelers and Roller Boys	23.20	12.95+A

PLANT:

Scale Mixers & Burner Men	21.90	11.70+A
Feeders and Dust Men	21.65	11.70+A

FOOTNOTE:

- A. PAID HOLIDAYS: New Year's Day, Washington's Birthday, Memorial Day; Independence Day; Labor Day; Veteran's Day, Presidential Election Day, Thanksgiving Day, and Christmas Day provided The Employee works 3 days for same employer within a period of ten working days consisting of five working days before and five working days after the day upon which the holiday falls or is observed.
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LABO0222A 05/01/2002

Rates Fringes

BURLINGTON (Twps. of Cinnaminson, Delance, Delran, East Hampton, Edgewater Park, Evesham, Hainesport, Lumberton, Medford, Moorestown, Mount Laurel, Pemberton, Shamong, South Hampton, Tabernacle, West Hampton, Willingsboro and Woodland); CAMDEN; CUMBERLAND; GLOUCESTER; AND SALEM COUNTIES

LABORERS (BUILDING CONSTRUCTION):

CLASS A	22.95	11.77
CLASS B	22.45	11.77
CLASS C	19.16	11.77

LABORERS CLASSIFICATIONS (BUILDING CONSTRUCTION)

CLASS A: Jack Hammer, Tamper, Motorized Tampers and Compactors, Street Cleaning Machines, Scaffold Builder, Hydro, Demolition Equipment, All types of Motorized Fork Lifts Riding Motor Buggy Operator, Bobcat Operator, Mortar Man, Burners, Nozzle Man on Gunite work.

CLASS B: All laborers not listed in Class A or C.

CLASS C: Laborers doing Janitorial-type light clean up work associated with the turnover of the project to the owner All Flagman, and those manning temporary heat of all types.

LABO0415A 05/01/2002

Rates Fringes

ATLANTIC; BURLINGTON (Twps. of Bass River and Washington); CAPE MAY; CUMBERLAND (Twps. of Commercial, Dawne, Fairfiled, Lawrence, Maurice, and Millville); AND OCEAN (That portion up to and

including Lacy Twp.) COUNTIES

LABORERS (BUILDING CONSTRUCTION):

CLASS A	22.95	11.77
CLASS B	22.45	11.77
CLASS C	19.16	11.77

LABORERS CLASSIFICATIONS (BUILDING CONSTRUCTION)

CLASS A: Jack Hammer, Tamper, Motorized Tampers and Compactors, Street Cleaning Machines, Scaffold Builder, Hydro Demolition Equipment, all types of Motorized Fork Lifts, Riding Motor Buggy Operator, Bobcat Operator, Mortar Man, Burners, Nozzle Man on Gunite work.

CLASS B: All laborers not listed in Class A or C.

CLASS C: Laborers doing Janitorial- type light clean up work associated with the turnover of the project to the owner
All flagman, and those manning temporary heat of all types.

LABO0472A 03/01/2002

Rates Fringes

MONMOUTH COUNTY

LABORERS (HEAVY AND HIGHWAY CONSTRUCTION):

GROUP 1	24.55	11.20+A
GROUP 2	24.75	11.20+A
GROUP 3	25.05	11.20+A
GROUP 4	25.25	11.20+A
GROUP 5	25.50	11.20+A
GROUP 6	29.05	11.20+A
GROUP 7a	27.55	11.20+A
Group 7b	25.55	11.20+A

LABORERS CLASSIFICATIONS (HEAVY & HIGHWAY)

GROUP 1: Common laborers, landscape laborers, railroad track laborers, flagmen, salamander tenders, pitman, dumpman, waterproofing laborers, rakers and tampers on cold patch work, and wrapping and coating of all pipes, & Asphalt Laborers.

GROUP 2: Powder carrier, magazine tender, signalman, asphalt raker, and asphalt screedman

GROUP 3: Sewer pipe, laser men, conduit and duct line layer, power tool operator, jack hammer, chipping hammer, pavement breaker, power buggy, concrete cutter, asphalt cutter, sheet hammer and tree cutter operators, sandblasting cutting, burning, power tool operator, and such other power tools used to perform work usually done manually by laborers.

GROUP 4: Wagon drill operator, timberman and drill master.

GROUP 5: Finisher, manhole, catch basin or inlet builder, form setter, rammer, paver, gunite nozzleman, and stone cutter

GROUP 6: Blaster.

Group 7a: Hazardous waste laborer required to wear level A,B, or C personal protection.

GROUP 7b: Certified laborer working a hazardous waste removal project or site at a task requiring hazardous waste related certification, but who is not working in a zone requiring level A,B, or C personal protection.

FOOTNOTE:

A. PAID HOLIDAYS: New Year's Day, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Veteran's Day, Presidential Election Day, Thanksgiving Day, and Christmas Day provided the employee works 3 days for the same employer within a period of 10 working days consisting of 5 working days before and 5 working days after the day upon which the holiday falls or is observed

LABO0595A 05/01/2002

Rates Fringes

BURLINGTON (Remainder), MERCER, MONMOUTH, and OCEAN (Remainder)
COUNTIES:

LABORERS (BUILDING CONSTRUCTION):

CLASS A	22.95	11.77
CLASS B	22.45	11.77
CLASS C	19.16	11.77

LABORERS CLASSIFICATIONS (BUILDING CONSTRUCTION)

CLASS A: Jack Hammer; Tamper; Motorized Tampers and Compactors
Street Cleaning Machines; Scaffold Builder; Hydro
Demolition Equipment; All types of Motorized Fork Lifts;
Riding Motor Buggy Operator; Bob Cat Operator; Mortar
Man; Burners; Nozzle Man on gunite Work.

CLASS B: All Laborers not listed in Class A or C.

Class C Laborers doing Janitorial type light clean up
associated with the turnover of the project or part of
a project to the owner; All Flagman; and those manning
temporary heat of all types.

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LABO1030A 04/01/2001

Rates Fringes

LABORERS: (The removal, abatement, enclosure and decontamination

of personal protective equipment, chemical protective clothing and machinery relating to asbestos and/or toxic and hazardous waste of materials which shall include but not necessarily be limited to: the erection, moving, servicing and dismantling to all enclosures, scaffolding, barricades, and the operation of all tools and equipment normally used in the removal or abatement of asbestos and toxic and hazardous waste or materials, the labeling, bagging, cartoning, crating, or other packaging of materials for disposal; and the clean up of the work site and all other work incidental to the removal, abatement, encapsulation, enclosure, and decontamination of asbestos or toxic and hazardous waste materials; and in addition, all work tasks involved in the maintenance and operation of energy resource recover plants (co-generation plants).)

LABORERS	21.85	10.12
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PAIN0252H 05/01/2001

Rates	Fringes
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ATLANTIC, CAMDEN, CAPE MAY, CUMBERLAND, GLOUCESTER, SALEM, and parts of BURLINGTON and OCEAN (everything south of these cities in Burlington and Ocean Counties-Florence to Bustleton to Columbus to Jobstown to Pemberton to Onga Hat to Chatsworth to Whiting to Pinewald to Ocean Gate to Seaside Heights) COUNTIES:

GLAZIERS	26.55	12.15
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PAIN0711A 05/01/2000

Rates	Fringes
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ATLANTIC, BURLINGTON, CAMDEN, CAPE MAY, CUMBERLAND, GLOUCESTER, MONMOUTH, OCEAN, & SALEM COUNTIES:

PAINTING, PAPERHANGING & ALLIED WORK	28.75	2.54+27%
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SPRAYING, SANDBLASTING, DIPPING,
POWER TOOLS (Over 115 volts) &
PAPERHANGING PASTING APPARATUS
WORK ON TANKS, BRIDGES, TOWERS,
STACKS, & OPEN STRUCTURAL STEEL,
WORK FROM CABLES & SWINGING SCAFFOLDS,
EXTERIOR WORK ABOVE THREE STORIES

31.25	2.54+27%
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REPAINT WORK & PREPARATION THEREFORE

(including jobs where no major alterations are taking place but excluding bridges, stacks, elevated tanks & generating stations)

22.00	2.54+27%
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PAIN0711H 05/01/2000

Rates	Fringes
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MERCER COUNTY

PAINTERS:

New Construction and Major Alterations	28.75	27%+2.55
Repaint Work	22.00	27%+2.55
Spraying or application of Hazardous or Dangerous Materials on Repaint Work	24.00	27%+2.55
Bridges, TV & Radio Towers, Structural Steel & Tanks above 3 stories in height (30' or over), Smoke Stacks, Water Towers, Sand- Blasting, Steam Cleaning, Spraying, or application of Hazardous Materials	31.25	27%+2.55
Paperhanging	25.60	27%+2.55

PAIN0711J 08/01/1999

	Rates	Fringes	
DRYWALL FINISHERS & TAPERS	28.25	11.23	

PAIN0711K 05/01/2000

	Rates	Fringes	
MERCER, MONMOUTH and parts of BURLINGTON AND OCEAN (everything north of these cities in BURLINGTON and OCEAN COUNTIES Florence to Bustleton to Columbus to Jobstown to Pemberton to Onge Hat to Chatsworth to Whiting to Pinewald to Ocean Gate to			

Seaside Heights) COUNTIES:

GLAZIERS:	28.75	10.30
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PLAS0008I 05/01/2001

	Rates	Fringes	
CAMDEN, GLOUCESTER and SALEM COUNTIES:			

PLASTERERS	25.35	13.40
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PLAS0008L 11/01/2001

	Rates	Fringes	
ATLANTIC, BURLINGTON, CAPE MAY, CUMBERLAND, MERCER, MONMOUTH & OCEAN COUNTIES:			

PLASTERERS	28.50	13.40
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PLAS0699A 05/01/2002

Rates Fringes
CAMDEN, GLOUCESTER, AND SALEM COUNTIES

CEMENT MASONS	27.30	12.55
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PLUM0009I 03/01/2002

	Rates	Fringes
AIR CONDITIONING & REFRIGERATION		
MECHANICS	25.16	9.24

SCOPE OF WORK:

Installation of air conditioning and refrigeration equipment whose combined tonnage does not exceed 15 tons. Installation of water cooled air conditioning that does not exceed 10 tons (includes piping of compenent system and erection of water tower). Installation of air cooled air conditioning that does not exceed 15 tons. Installation of air conditioning equipment of the "Package-Unitary" rooftop type, the combined tonnage of which does not exceed 35 tons. Packaged Unitary Air Conditioning and Refreigeration Institute (ARI) as follows: "A unitary air conditioner consists of one or more cooling coil, and air moving device, a cpmpressor and condenser combination, and may include a heating function as well". Any and all related piping to the above installation will be done under the appropriate trade jurisdiction.

PLUM0009J 07/01/2001

	Rates	Fringes
BURLINGTON (from the town of Burlington City, to everything north along County Road Route 541 East also known as High Street, until it reaches the city of Mount Holly which is also Local 9 territory, Madison Avenue in Mount Holly to State Road Route 38		

East, again everything north along State Road Route 38 East until its cross over, State Road Route 206 and becomes County Road Route 530, continuing on including Pemberton Boro to south on Magnolia Road in Pemberton Township to Magnolia New Lisbon Road (Route 545), to south on Mount Holly Misery Road to State Road Route 70 East to the Ocean County Line), MERCER, MONMOUTH, AND OCEAN COUNTIES:

PLUMBERS & PIPEFITTERS	33.13	15.25
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PLUM0322A 05/01/2001

	Rates	Fringes
ATLANTIC; BURLINGTON (Ramainder) CAMDEN; CAPE MAY; CUMBERLAND; GLOUCESTER; AND SALEM COUNTIES		

PLUMBERS/PIPEFITTERS	29.11	15.70
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ROOF0004A 06/01/1996

	Rates	Fringes
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MONMOUTH COUNTY (Remainder), AND OCEAN (Remainder) COUNTIES

ROOFERS	24.22	11.75
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ROOF0030D 05/01/2002

	Rates	Fringes
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ATLANTIC, BURLINGTON, CAMDEN, CAPE MAY, CUMBERLAND, GLOUCESTER, MERCER AND SALEM COUNTIES; and the following portions of MONMOUTH AND OCEAN COUNTIES: West of a line starting from the point on Route 70 where Burlington and Ocean Counties meet, Easterly along Route 70 to Route 571, along Route 571 to Cassville, Easterly on Route 528 to Van Hiseville, Northerly on Route 527 to Manalapan, Westerly on Route 33 to the Monmouth County Line

ROOFERS:

Shingle, slate and tile	19.25	6.17
All other work	26.00	13.05+A

FOOTNOTE:

A. PAID HOLIDAY: Election Day.

SFNJ0669B 01/01/2003

	Rates	Fringes
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ATLANTIC, BURLINGTON, CAPE MAY, CUMBERLAND, MERCER (Remainder), MONMOUTH, OCEAN, AND SALEM (Remainder) COUNTIES

SPRINKLER FITTERS	33.00	6.10
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NJ020002 - 1

SFNJ0692C 05/01/2002

	Rates	Fringes
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CAMDEN, GLOUCESTER, MERCER (Town of Trenton), AND SALEM (Penns Grove, excluding Penns Grove Airport) COUNTIES

SPRINKLER FITTERS	35.02	11.80
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SHEE0019M 05/01/2002

	Rates	Fringes
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CAMDEN, GLOUCESTER, & SALEM COUNTIES:

SHEET METAL WORKER	30.68	17.90+H
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H-Election Day is a paid holiday.

SHEE0027B 06/01/2000

	Rates	Fringes
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ATLANTIC, BURLINGTON, CAPE MAY, CUMBERLAND, MERCER, MONMOUTH AND OCEAN COUNTIES

SHEET METAL WORKERS	31.00	15.38
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SUNJ1002A 12/07/1993

	Rates	Fringes
MERCER COUNTY		
CEMENT MASONS (BUILDING CONSTRUCTION ONLY)	19.60	8.83

TEAM0331A 01/01/2003

	Rates	Fringes
ATLANTIC AND CAPE MAY COUNTIES		

TRUCK DRIVERS:

GROUP 1	22.00	13.08+A+B
GROUP 2	22.15	13.08+A+B
GROUP 3	22.35	13.08+A+B
GROUP 4	22.50	13.08+A+B

FOOTNOTE:

- A. PAID HOLIDAYS: New Year's Day; Washington's Birthday; Memorial Day; Independence Day; Labor Day; Veteran's Day; Presidential Election Day; Thanksgiving Day; & Christmas Day; provided the employee works 3 days in the week in which the holiday falls.
- B. BREAVEMENT LEAVE: Any employee having a death in their immediate family, which shall be parents, spouse, children blood brothers or sisters, mother-in-law, and father-in-law shall be given three (3) days time off with pay at the time of death upon furnishing proof of said death. The provision shall also apply to grandparents, when living with the employee.

TRUCK DRIVERS CLASSIFICATIONS

GROUP 1: Striaight Truck Driver, Dump Truck Driver, Water Truck Driver, Transit Mix Driver, Pickup Truck Driver, Tank Truck Driver Track Truck Driver, Agitator Truck Driver, Concrete Mobile Unit Driver, Tringer Bead Truck Driver, Ross Carrier Driver, Warehouse Forklift Driver, A Frame Truck Driver, Gin Pole Truck Driver, Form Truck Driver, Driver for Truck having Self Loading/Unloading Attachment, & Vacuum Truck/Trailer.

GROUP 2: Trucks Towing Driver

GROUP 3: Trailer Truck Driver, Winch Truck Driver, Off Road Dump Truck Driver, Fuel Truck Driver, Tractor Trailer (any trailer driver), Asphalt Oil Distributor Driver, & Off Road Water Truck Driver.

GROUP 4: Mechanics.

TEAM0469D 05/01/2000

	Rates	Fringes
BURLINGTON (Remainder), MERCER, MONMOUTH, AND OCEAN COUNTIES		

TRUCK DRIVERS:

GROUP 1	26.35	11.835+A
GROUP 2	26.40	11.835+A
GROUP 3	26.50	11.835+A
GROUP 4	26.60	11.835+A

FOOTNOTE:

- A. Employees working or receiving pay for 80 days within a year receive one week's paid vacation (48 hours); 125 days receive two weeks' vacation (96 hours); 145 days receive 15 days (120 hours); 15 years seniority and 145 days receive 4 weeks vacation (160 hours).

PAID HOLIDAYS: New Year's Day; Washington's Birthday; Memorial Day; Independence Day; Labor Day; Columbus Day; Veteran's Day, General Election Day; Thanksgiving Day; and Christmas Day provided the employee has been assigned to work or "shapes" one day of the calendar week during which the holiday falls. Employee receives \$3.00 per hour premium pay for hazardous waste work.

TRUCK DRIVERS CLASSIFICATIONS

GROUP 1: Drivers on the following type vehicles: straight dumps, flats, floats, pick-ups, container haulers, fuel, water sprinkler, road oil, stringer, bead, hot pass, bus dumpcrete, transit mixers, agitator mixer, half truck, winch truck, side-O-matic, dynamite, power, x-ray, welding, skid, jeep, station wagon, stringer, A-frame, all dual purpose trucks, truck with mechanical tailgate, asphalt distributor, batch trucks, seeding, mulching, fertilizer, air compressor trucks (in transit), parts chaser, escort, scissor, Hi-lift, telescope, concrete breaker, gin pole, stone, sand, asphalt distributor and spreader, nipper,

fuel trucks (drivers on fuel trucks, including handling of unit), skid truck (debris container - entire unit), concrete mobile trucks (entire unit), expediter (parts chaser), beltcrete trucks, pumpcrete trucks, line truck, reel truck, wreckers, utility trucks, tank trucks, warehousemen, warehouse partsmen, yardmen, lift truck in warehouse, warehouse clerk, parts man, material checkers, receivers shippers, binning men (materials cardex man); drivers on the following type vehicle: broyhill coal tar epoxy trucks, little-ford bituminous distributor, slurry seal truck or vehicle, thiokol trackmaster pick-up (swamp cat pickup, bucket loader dump truck and any rubber-tired tractor used in pulling and towing farm wagons and trailers of any description, similar type vehicles); off-site and on-site repair shop, team drivers, vacuum or vac-all trucks (entire unit)

GROUP 2: Drivers on straight 3-axle materials; truck and floats

GROUP 3: Drivers on all euclid-type vehicles; euclids, international harvesters, wabcos, caterpillar, koehring, tractors, and wagons, dumptors, straight, bottom, rear and side dumps, carryalls and scrapers (not self-loading - loading over the top), water sprinkler, trailers, water pulls and similar

types of vehicles; drivers on tractors and trailer type vehicles;
flat, floats, I-beam, low beds, water sprinkler, bituminous
transit mix, road oil, fuel bottom dump hopper, rear dump, office
shanty, epoxy, asphalt, agitator mixer, mulching, stringer,
seeding, fertilizing pole spread, bituminous distributor, water
pulls (entire unit) (tractor trailer), reel trailer and similar
types of vehicles

GROUP 4: Winch Trailer Drivers

TEAM0676A 05/01/2002

Rates Fringes
BURLINGTON (Area West of the NJ Turnpike to the Delaware River),
CAMDEN, CUMBERLAND, GLOUCESTER AND SALEM COUNTIES

TRUCK DRIVERS:

GROUP 1	22.50	10.7375+A+B
GROUP 2	22.55	10.7375+A+B
GROUP 3	22.70	10.7375+A+B
GROUP 4	22.90	10.7375+A+B
GROUP 5	23.05	10.7375+A+B
GROUP 6	*	10.7375+A+B

FOOTNOTES:

- A. Employee who has worked or received pay for 90 days within a year prior to his anniversary date shall receive 56 hours straight time vacation pay; for 3 years but less than 8 years of service he will receive 100 hours of straight time vacation pay; 15 years or more he will receive 165 hours of straight time vacation pay.
- B. PAID HOLIDAYS: New Year's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day,

Presidential Election Day, Thanksgiving Day, Christmas Day, and two personal holidays, Good Friday, and Christmas Eve afternoon (provided employee works that morning) on the condition that the employee works or is available for work on at least two days in the week in which the holiday occurs.

TRUCK DRIVERS CLASSIFICATIONS

GROUP 1: Warehouseman

GROUP 2: Dump truck, water truck, transit mix, pickup, tank, track, agitator, concrete mobile unit, dytinger bead, tack rig, ross carrier, warehouse forklift, A-frame, gin pole form truck, truck having self-loading/unloading attachment, straight

GROUP 3: Truckstowing

GROUP 4: Trailer winch off road dump, fuel, tractor trailer, asphalt oil distributor, off road water truck

GROUP 5: Mechanics

*GROUP 6: Truck drivers, on hazardous waste removal work on a state or federally designated hazardous waste site where the truck driver is in direct contact with hazardous materials and when personal protective equipment is required for respiratory, skin and eye protection the teamster shall receive \$2.25 per hour in addition to the regular rate of pay including overtime pay.

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29 CFR 5.5(a)(1)(ii)).

In the listing above, the "SU" designation means that rates listed under that identifier do not reflect collectively bargained wage and fringe benefit rates. Other designations indicate unions whose rates have been determined to be prevailing.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U. S. Department of Labor
200 Constitution Avenue, N. W.
Washington, D. C. 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N. W.
Washington, D. C. 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U. S. Department of Labor
200 Constitution Avenue, N. W.
Washington, D. C. 20210

4.) All decisions by the Administrative Review Board are final.
END OF GENERAL DECISION